

The Ohio State University Graduate School
 Interdisciplinary Specialization Program Form
 Comprehensive Engineering & Science of Biomedical Images (CESBMI)

Student Name _____

Student Social Security Number _____

Address _____

Email Address _____

Interdisciplinary Specialization:
Comprehensive Engineering & Science of Biomedical Images (CESBMI)

CESBMI Interdisciplinary Specialization Program of Study

Core Courses

Department	Course #	Course Title	Credits	Grade	Qtr/Yr
	707	Grant Writing			
	891.01	CESBMI Seminar			
	891.01	CESBMI Seminar			

Selected Courses

Group #	Department	Course #	Course Title	Credits	Grade	Qtr/Yr

 Student Name (Print or type)

 Student Signature

 Date

 Advisor Name (Print or type)

 Advisor Signature

 Date

 Home Dept. Grad. Studies Chair
 (Print or type)

 Chair Signature

 Date

 CESBMI Home Program Rep.
 (Print or type)

 Signature

 Date

 Graduate Studies Chair CESBMI
 (Print or type)

 Chair Signature

 Date

CESBMI Criteria:

The CESBMI Specialization involves coursework from two or more graduate programs outside the student's major graduate program. A grade of B (or better) is required in each course comprising the "selected groupings of courses" requirement of the CESBMI specialization. A grade of S is required for the CESBMI core courses. The CESBMI Graduate Interdisciplinary Specialization will appear on the student's transcript upon successful completion of the program. Student applications from outside the sponsoring graduate programs (BME, Biophysics, CSE, ECE, IBGP, Statistics, Vision Science) will be accepted by petition only. Applicants must be in good standing in the Graduate School for acceptance into the CESBMI program.

Operating Procedures

1. The student completes the CESBMI Graduate Interdisciplinary Specialization Program Form, including the obtaining the following signatures: Student, Advisor, Home Department/Program Graduate Studies Chair, and CESBMI Home Department/Program Representative. The CESBMI Specialization Program Form is then submitted to the CESBMI Chair. This form serves as the application to enroll in the CESBMI Interdisciplinary Specialization.
2. In addition to the Core curriculum, the prospective CESBMI student selects courses from at least 2 areas in the Selected Groupings curriculum.
 - (a) The Core curriculum contains a grant writing course and a seminar series. The seminar series is a minimum of 3 credits of Comprehensive Engineering & Science of Biomedical Images Seminar (891.01). Students enroll in a crosslisted offering section *outside of the student's home department or program*. Students enroll for multiple quarters of this weekly seminar, earning 1 credit per quarter for attendance, 1 credit per quarter for giving a presentation, for a combined maximum of 2 credits per quarter. A minimum of 3 credits of 891.01 is required for completion of the program.
 - (b) The Selected Groupings curriculum is a selection of 5 groupings of courses related to biomedical images. Students can select from 5 groupings:

Group I: Informatics, archiving and databases of biomedical images

Group II: Medical & biological foundations

Group III: Human factors and perception

Group IV: Data acquisition and image reconstruction

Group V: Image understanding and classification

To provide a combination of depth and breadth, all students must pick at least 5 elective courses with a minimum of 15 letter graded credits from the courses listed in Groups I-V.

The selection of courses must meet the following criteria:

- Elective credits must be taken from at least two of the five groupings.
- A minimum of 2 courses within each of the two required groupings and a minimum of 5 credits within each of the two required groupings must be completed.
- None of the elective courses to be used to satisfy the 15 credit minimum can be taken from the student's home graduate program. Crosslisted courses may be counted if registration is taken outside of the student's home program.

3. The CESBMI Coordinating Graduate Studies Committee will send the student an acknowledgment indicating whether or not the request is approved. The Graduate School and the student's home graduate studies committee will receive a copy.

4. The student must adhere to the curriculum of the CESBMI Graduate Interdisciplinary Specialization Program as indicated on the approved CESBMI Graduate Interdisciplinary Specialization Program Form. If changes in the approved curriculum are necessary, the student must complete a new CESBMI Graduate Interdisciplinary Specialization Program Form following the above steps. **DEPARTURE FROM THE APPROVED CESBMI INTERDISCIPLINARY SPECIALIZATION PROGRAM COULD LEAD TO A LOSS OF TRANSCRIPT DESIGNATION.**

5. Upon completion of the CESBMI Specialization program, the student must initiate the Graduate Interdisciplinary Specialization Transcript Designation Form for submission to the CESBMI Coordinating Graduate Studies Committee Chair.

Contact information: Bradley Clymer, clymer.1@osu.edu, 292-3477